

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2	"6774899".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 11:03
L10	2007	extract\$3 near key\$word	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:21
L12	203450	generat\$3 near data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:22
L13	31614	data near text	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:28
L23	101897	(table or tabular) near data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:34
L24	1251	generat\$3 near l23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:37
L29	84292	visual\$2 same represent\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:39
L34	63263	graphical near represent\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 14:31

## EAST Search History

L36	23	l10 near l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 14:33
L38	1	2004-742731.NRAN.	DERWENT	OR	ON	2006/05/30 14:35
S1	1	10/671600	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 13:54
S16	2	"5596703".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:33
S17	3604192	graph\$3 or chart or diagram or (trend adj line) or plot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:26
S18	375958	(data with table) or (category with value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:39
S19	12199323	display\$3 or show\$3 or model\$3 or present\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:40
S20	6474710	generat\$3 or develop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:41
S21	7151200	label\$3 or mark\$3 or nam\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:42

## EAST Search History

S22	4068146	ax\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:44
S23	3901237	evaluat\$3 or judg\$3 or rate or rating or estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:45
S24	7488007	referenc\$3 or sourc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 07:46
S25	90783	radar or spiderweb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:32
S26	8523	S25 with S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:08
S27	4879	(S26 and @ad<"20010330") or (S26 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:39
S28	114170	S21 with S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:09
S29	95	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:58

## EAST Search History

S30	24102	microsoft.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:59
S32	15899	S17 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:00
S34	39	S32 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:00
S35	8	(S34 and @ad<"20010330") or (S34 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:04
S36	384	S25 adj S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 11:05
S37	183	(S36 and @ad<"20010330") or (S36 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:15
S45	365112	radar or spiderweb or polar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:50
S46	14344	S45 with S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:51

## EAST Search History

S47	553	S46 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:52
S48	268	(S47 and @ad<"20010330") or (S47 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 15:43
S49	651	(radar adj chart) or (radar adj graph) or (polar adj chart) or (polar adj graph) or (spiderweb adj chart) or (spiderweb adj graph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 15:44
S50	312	(S49 and @ad<"20010330") or (S49 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:25
S51	3604192	graph\$3 or chart or diagram or (trend adj line) or plot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:21
S52	6474710	generat\$3 or develop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:21
S53	269568	S52 with S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:21
S54	168085	(S53 and @ad<"20010330") or (S53 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:39

## EAST Search History

S55	7488007	referenc\$3 or sourc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:28
S56	140285	S54 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:28
S57	7151200	label\$3 or mark\$3 or nam\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:28
S58	4068146	ax\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:28
S59	114170	S58 with S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:29
S60	3357	S56 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:29
S61	365112	radar or spiderweb or polar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:30
S62	307	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:34

## EAST Search History

S64	275	(radar adj (graph or chart) ) or (spiderweb adj (graph or chart))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:39
S65	111	(S64 and @ad<"20010330") or (S64 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 16:39
S66	1430876	graph\$3 or chart\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 07:31
S67	9431230	generat\$3 or build\$3 or mak\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 07:32
S68	559320	polar or spider or spiderweb or (spider adj web) or star or radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 08:57
S69	139809	S66 with S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 07:34
S71	916	S68 adj S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 08:57
S73	78	S67 with S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 09:02

## EAST Search History

S74	27	(S73 and @ad<"20010330") or (S73 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 09:10
S75	475	(S71 and @ad<"20010330") or (S71 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:53
S76	448	S75 not S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:58
S77	30	("4464543"   "4710763"   "4953106"   "5136690"   "5150457"   "5179643"   "5226118"   "5257345"   "5276789"   "5333254"   "5428554"   "5432897"   "5450535").PN. OR ("5596703"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 14:11
S78	1075	(345/440).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:58
S79	744	(S78 and @ad<"20010330") or (S78 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:48
S80	111	(345/440.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:58
S81	81	(S80 and @ad<"20010330") or (S80 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:38



## EAST Search History

S82	20	07/866658	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 15:10
S83	1	mapquest.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 15:10
S84	40	("4301506"   "4528552"   "4546439"   "4570227"   "4646089"   "4734863"   "4764873"   "4796189"   "4866626"   "4876651"   "4890104"   "4914605"   "4926336"   "4937753"   "4954958"   "4962458"   "4984168"   "5031104"   "5041983"   "5067081"   "5115399"   "5168452"   "5170353"   "5172321"   "5189430"   "5191406"   "5191532"   "5231584"   "5270937"   "5274387"   "5293163"   "6084882"   "6282489").PN. OR ("6498982"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 15:11
S85	33	(S84 and @ad<"20010330") or (S84 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 16:51
S86	24132	microsoft.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 16:50
S87	7548	S66 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 16:50
S88	3972	(S87 and @ad<"20010330") or (S87 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 16:51

## EAST Search History

S89	27344	display adj position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:42
S90	1	S89 and (axial adj label)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:43
S91	1106	S89 and (axial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:43
S92	81	S91 and label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:43
S93	29	S92 and (reference adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:44
S94	4	S93 and keyword	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:44
S95	4	S94 and arrang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:57
S96	883	((706/919) or (705/23) or (700/95) or (382/all)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 09:58

## EAST Search History

S98	1432091	graph\$3 or chart\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 10:59
S99	12751	S98 and title and category	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 10:59
S10 0	559593	polar or spider or spiderweb or (spider adj web) or star or radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 10:59
S10 1	2060	S99 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:00
S10 2	4535	title same category	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:00
S10 3	114	S102 same S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:00
S10 4	79	S103 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:01
S10 5	42	(S104 and @ad<"20010330") or (S104 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:01

## EAST Search History

S10 6	476	(715/790,771).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 16:15
S10 7	439	set\$3 near display near position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:26
S10 8	246	reference and S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:40
S10 9	266131	display\$3 near (label or image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:51
S11 0	165	S107 and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:51
S11 1	92	(S110 and @ad<"20010330") or (S110 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 16:52
S11 2	266081	spring near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:51
S11 3	257	data near graph\$3 near present\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:38

## EAST Search History

S11 4	1432091	graph\$3 or chart\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:52
S11 5	559593	polar or spider or spiderweb or (spider adj web) or star or radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:52
S11 6	266081	spring near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:52
S11 7	1207	(S115 near S114)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:54
S11 8	632	(S117 and @ad<"20010330") or (S117 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:11
S11 9	94346	data near analy\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 07:55
S12 0	41	S118 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:10
S12 1	22	clutter near control and (graph or chart)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:10

## EAST Search History

S12 2	18	(S121 and @ad<"20010330") or (S121 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:50
S12 3	12751	S114 and title and category	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:49
S12 4	4459	S123 and label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:50
S12 5	19	title same category near label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:50
S12 6	14	S125 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 08:50
S12 7	10	(S126 and @ad<"20010330") or (S126 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 09:06
S12 8	138	thick\$4 near (line adj segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 09:06
S12 9	93	(S128 and @ad<"20010330") or (S128 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:13

## EAST Search History

S13 1	2	08/103483	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 10:04
S13 2	27	("4974170"   "5182796"   "5278951"   "5303146"   "5317686"   "5359724"   "5375201").PN. OR ("5581678").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 10:05
S13 3	14	("5452410"   "5550964"   "5566084"   "5581677"   "5581678"   "5602981"   "5619631"   "5666477"   "5689718"   "5872909").PN. OR ("6088030"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 08:23
S13 4	36	enhance\$1 and radar near chart	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 15:13
S13 5	16	(S134 and @ad<"20010330") or (S134 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:13
S13 6	2003	extract\$3 near key\$word	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 08:24
S13 7	31553	text near data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 08:25
S13 8	80	S136 same S137	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 08:25
S13 9	37	(S138 and @ad<"20010330") or (S138 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 08:25

## EAST Search History

S14 0	1002006	chart or graph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:43
S14 1	63364	display\$3 near position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:43
S14 2	305513	(spring or attract\$3) near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:45
S14 3	1090245	balanc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:48
S14 4	2344	S142 near S143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:48
S14 5	1445	(S144 and @ad<"20010330") or (S144 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 07:44
S14 6	30	("4464543"   "4710763"   "4953106"   "5136690"   "5150457"   "5179643"   "5226118"   "5257345"   "5276789"   "5333254"   "5428554"   "5432897"   "5450535").PN. OR ("5596703"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:46
S14 7	13	"spring algorithm"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:34



## EAST Search History

S14 8	8	(S147 and @ad<"20010330") or (S147 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 13:13
S14 9	1534	(display near position) same (spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:10
S15 0	2	(display near position) same (spring) near (balance or zero or "0")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:19
S15 1	0	(display near position) near ((spring or resultant) near force)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:19
S15 2	25	(display near position) near (spring or resultant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:21
S15 4	282367	(spring or resultant) near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:21
S15 5	1510	display near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:25
S15 8	126	resultant near force near zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:27

## EAST Search History

S15 9	84	(S158 and @ad<"20010330") or (S158 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 11:02
S16 2	3	resultant near force near zero and virtual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:30
S16 3	3307922	resultant or repellent or spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:20
S16 4	665742	S163 with force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:30
S16 5	282745	S163 near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:15
S16 6	1968040	zero or balance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:10
S16 7	11069	S165 with S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:39
S17 1	215687	display with position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:39

## EAST Search History

S17 2	16	S167 same S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 08:40
S17 3	2171334	zero or balance\$1 or cancel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:44
S17 4	30185	S164 with S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:12
S17 6	2456	S165 near S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:15
S17 7	2	S176 same S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:15
S17 8	3449211	resultant or repellent or spring or repulse\$1 or attract\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:20
S17 9	285866	S178 near force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:21
S18 8	5339110	zero or balance\$1 or cancel\$3 or stable\$1 or steady or equal\$4 or symmetr\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:45

## EAST Search History

S18 9	19650	S179 with S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:48
S19 1	37	S189 same S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:52
S19 3	326	S189 and S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:52
S19 4	289	S193 not S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:52
S19 5	194	(S194 and @ad<"20010330") or (S194 and @rlad<"20010330")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 10:52